

CLAIM AMENDMENTS

1. (Currently amended) A polyester powder coating composition which comprises:
 - a) from 85 to 96 wt% of a polyester resin formed by reacting a mixture of aliphatic glycols and one or more dicarboxylic acids, wherein the mixture of aliphatic glycols comprises from 5 to 90% on a molar basis 1,3-propanediol;
 - b) from 4 to 15 wt% of a triglycidyl isocyanurate crosslinking agent; and
 - c) optionally conventional catalysts, auxiliary agents, and additives.
2. (Previously presented) The powder coating composition of Claim 1 wherein the aliphatic glycol in the mixture of aliphatic glycols which is not 1,3-propanediol is selected from the group consisting of 1,3-butylene glycol, 1,4-butylene glycol, ethylene glycol, propylene glycol, 2-methyl-1,3-propanediol, 1,6-hexanediol, and neopentyl glycol.
3. (Currently amended) ~~The powder coating composition of Claim 2~~ A polyester powder coating composition which comprises:
 - a) from 85 to 96 wt% of a polyester resin formed by reacting a mixture of aliphatic glycols and one or more dicarboxylic acids, wherein the mixture of aliphatic glycols comprises from 5 to 90% on a molar basis 1,3-propanediol, wherein the aliphatic glycol in the mixture of aliphatic glycols which is not 1,3-propanediol is neopentyl glycol;
 - b) from 4 to 15 wt% of a triglycidyl isocyanurate crosslinking agent; and
 - c) optionally conventional catalysts, auxiliary agents, and additives.
4. (Original) The powder coating composition of Claim 2 further comprising minor amounts of branching agents selected from the group consisting of trimethylolpropane, trimethylolethane, and pentaerythritol.
5. (Currently amended) ~~The powder coating composition of Claim 3~~ A polyester powder coating composition which comprises:
 - a) from 85 to 96 wt% of a polyester resin formed by reacting a mixture of aliphatic glycols and one or more dicarboxylic acids, wherein the mixture of aliphatic glycols comprises from 15 to 50% on a molar basis 1,3-propanediol, wherein the aliphatic glycol in the mixture of aliphatic glycols which is not 1,3-propanediol is neopentyl glycol;
 - b) from 4 to 15 wt% of a triglycidyl isocyanurate crosslinking agent; and
 - c) optionally conventional catalysts, auxiliary agents, and additives.

6. (Previously presented) The powder coating composition of Claim 1 wherein the dicarboxylic acids are selected from the group consisting of saturated, unsaturated, aliphatic, and aromatic dicarboxylic acids.

7. (Previously presented) The powder coating composition of Claim 6 wherein the dicarboxylic acids are selected from the group consisting of phthalic, isophthalic, terephthalic, naphthalenedicarboxylic, sebacic, maleic, fumaric, succinic, adipic, azelaic, malonic acids, and mixtures thereof.

8. (Previously presented) The powder coating composition of Claim 7 wherein the dicarboxylic acids are selected from the group consisting of isophthalic acid, terephthalic acid, and a mixture thereof.

9. (Previously presented) The powder coating composition of Claim 8 wherein terephthalic acid and isophthalic acid are used in a molar ratio of terephthalic acid to isophthalic acid of about 100/0 to 0/100.

10. (Previously presented) The powder coating composition of Claim 9 wherein the molar ratio of terephthalic acid to isophthalic acid is about 80/20.

Claim 11 (Canceled).

12. (Previously presented) The powder coating composition of Claim 1 further comprising conventional auxiliary agents and additives.

13. (Previously presented) The powder coating composition of Claim 1 wherein the ratio of epoxy to carboxyl is in the range of 0.5/1 to 6/1.

14. (Currently Amended) A polyester powder coating composition which comprises:

a) a polyester resin characterized by a acid value of 10 to 100 mg KOH/g formed by reacting a mixture of aliphatic glycols comprising 15-50% on a molar basis 1,3-propanediol and the balance neopentyl glycol with a mixture of terephthalic acid and isophthalic acid, wherein the ratio of terephthalic acid to isophthalic acid is in the molar range of 100/0 to 0/100; and

b) a triglycidyl isocyanurate.

15. (Original) Any coated product made using the powder coating of Claim 1.

16. (New) The powder coating composition of Claim 3 further comprising minor amounts of branching agents selected from the group consisting of trimethylolpropane, trimethylolethane, and pentaerythritol.

17. (New) The powder coating composition of Claim 3 wherein the dicarboxylic acids are selected from the group consisting of saturated, unsaturated, aliphatic, and aromatic dicarboxylic acids.
18. (New) The powder coating composition of Claim 17 wherein the dicarboxylic acids are selected from the group consisting of phthalic, isophthalic, terephthalic, naphthalenedicarboxylic, sebacic, maleic, fumaric, succinic, adipic, azelaic, malonic acids, and mixtures thereof.
19. (New) The powder coating composition of Claim 18 wherein the dicarboxylic acids are selected from the group consisting of isophthalic acid, terephthalic acid, and a mixture thereof.
20. (New) The powder coating composition of Claim 19 wherein terephthalic acid and isophthalic acid are used in a molar ratio of terephthalic acid to isophthalic acid of about 100/0 to 0/100.
21. (New) The powder coating composition of Claim 20 wherein the molar ratio of terephthalic acid to isophthalic acid is about 80/20.
22. (New) The powder coating composition of Claim 3 further comprising conventional auxiliary agents and additives.
23. (New) The powder coating composition of Claim 3 wherein the ratio of epoxy to carboxyl is in the range of 0.5/1 to 6/1.
24. (New) Any coated product made using the powder coating of Claim 3.
25. (New) The powder coating composition of Claim 5 further comprising minor amounts of branching agents selected from the group consisting of trimethylolpropane, trimethylolethane, and pentaerythritol.
26. (New) The powder coating composition of Claim 5 wherein the dicarboxylic acids are selected from the group consisting of saturated, unsaturated, aliphatic, and aromatic dicarboxylic acids.
27. (New) The powder coating composition of Claim 26 wherein the dicarboxylic acids are selected from the group consisting of phthalic, isophthalic, terephthalic, naphthalenedicarboxylic, sebacic, maleic, fumaric, succinic, adipic, azelaic, malonic acids, and mixtures thereof.
28. (New) The powder coating composition of Claim 27 wherein the dicarboxylic acids are selected from the group consisting of isophthalic acid, terephthalic acid, and a mixture thereof.

29. (New) The powder coating composition of Claim 28 wherein terephthalic acid and isophthalic acid are used in a molar ratio of terephthalic acid to isophthalic acid of about 100/0 to 0/100.

30. (New) The powder coating composition of Claim 29 wherein the molar ratio of terephthalic acid to isophthalic acid is about 80/20.

31. (New) The powder coating composition of Claim 5 further comprising conventional auxiliary agents and additives.

32. (New) The powder coating composition of Claim 5 wherein the ratio of epoxy to carboxyl is in the range of 0.5/1 to 6/1.

33. (New) Any coated product made using the powder coating of Claim 5.